

DIRSE, A., med. m. kand.

Use of Regitine in the treatment of obliterating arterial diseases. Sveik. Apsaug. no.4:39-42 '64.

1.Vilniaus Valst. V. Kapsuko v. universiteto hospitalines chirurgijos katedra (Katedros vedejas - prof. Pr. Norkunas).

DIRCH, A.J., Dand Med Sci--(diss) "Data on the history of surgery in
Lithuania." Vil'nyus, 1958. 17 or (First Year Order of Lenin Red Inst
in I.M. Sechenov, Vil'nyus State U in V. Krasulsk. 1st Faculty), 100 pa-
ges (M, 31-58, 107)

-105-

LISOVSCHI, Iosif, ing.; DIRVAREANU, Stefan, ing.

Dented coupling machine with bent teeth. Metalurgia constr
mas 14 no.12:1121-1123 D '62.

1. Uzina 1 Mai, Ploiesti.

D. RZHNITS, D.G.

B-5

USSR/Theoretical Physics - Quantum Electrodynamics.

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8441

Author : ~~Dirzhnits, D.G.~~

Inst : Physics Institute, Academy of Sciences, USSR.

Title : Photon Mass in Quantum Electrodynamics.

Orig Pub : Zh. eksperim. i teor. fiziki, 1956, 30, No 4, 796-797

Abstract : The author investigates an expression for the mass of a photon, obtained by using the smearing function $F(p, k, p-k, \Lambda)$, introduced into the interaction

$$e_2 \int F(p, k, p-k, \Lambda) \bar{\psi}(p) \hat{A}(k) \psi(p-k) d^4 p d^4 k +$$

plus charge conjugate.

Asymptotic espressions are used for the Green's function (Referat Zhur Fizika, 1954, 12484; 1955, 626, 627),

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Abs Jour : Referat Zhur - Fizika, No 4, 1957, 8441

and this makes it possible to obtain for the square of the mass of the photon at large values of Λ , where Λ is the cutoff momentum, the following expression

$$P_{\mu\nu}(0) = (e^2/\pi) \Lambda^2 \delta_{\mu\nu} \int_0^\infty |f(x)|^2 dx + O(\ln \Lambda^2).$$

We consider here the most widely known type of smearing $F(p, 0, p, \Lambda) = f(p^2/\Lambda^2)$; the same deductions can be made also in the general case. The appearance of the square of the modulus f in this case is due to the requirement that the Lagrangian be Hermitian. Thus, the problem of the elimination of the mass of the photon (for arbitrary sufficiently large Λ) by choosing a suitable smearing function F has no solution. As to the possibility of using the spinor function F , an investigation

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USSR/Theoretical Physics - Quantum Electrodynamics.

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Abs Jour : *Ref Zhur - Fizika*, No 4, 1957, 8441

in this case is difficult owing to the absence of any developed theory. In this connection it is noted that introducing the well-known Pauli-Villars form factor is effective because it is connected with the smearing not of the interaction, but of the polarization operator directly. Attention is further called to the substantial dependence of $P_{\mu\nu}(0)$ on the longitudinal portion of the Green's function. An exception is the widely known case, when the smearing $f(x) = 1, x < 1$ and $f(x) = 0, x > 1$ is used. Here the mass of the photon is exactly due to the value obtained in the lower approximation of perturbation theory.

Card 3/3

DISALOVIC, RADIVOJ V.

Yugoslavia (430)

Political Science and International Law

Namesništvo; studija iz uporednog ustavnog prava. Sa predgovorom Zivojina M. Perica Novi Sad, 1940. p. 404 (On regency in general, and on the Yugoslav regency from 1934 to 1941 in particular, with regard to the Yugoslav Constitution of 1931. Bibl., footnotes).

East European Accessions List. Library of Congress, Vol. 1, no. 13 November, 1952.
UNCLASSIFIED.

PLATONOV, V.; AMPLEVSKAYA, S.; LANDES, G.; DISANSKI, S.; BICHEROVA, A.,
red.; SALAKHUTDINOVA, A., tekhn. red.

[Practices in machine harvesting of cotton] Opyt mashinnoi
uborki khlopka. Tashkent, Gosizdat UzSSR, 1962. 78 p.
(MIRA 16:4)

(Uzbekistan--Cotton-picking machinery)

DISKALENKO, A.P.

Historic resolution of the Central Committee of the Communist Party of the Soviet Union and of the Council of Ministers of the U.S.S.R. on public health and our tasks. Zdravookhraneniye 3 no.1:5-9 Ja-F '60. (MIRA 13:6)

1. Ministr zdavookhraneniya Moldavskoy SSR.
(MOLDAVIA--PUBLIC HEALTH)

88. Investigating the strength of cotton on the basis of bundle tear tests -

A gyapot szilárdági vizsgálata kötegsszakítás alapján - by Gy. Diszka.

(Hungarian Textiles - Magyar Textiltechnika - Vol. IV, No. 1, pp. 58-60, April 1951, 3 figs., 1 tab.)

So far strength tests have not been carried out systematically in spinning mills for determining objectively the strength of cotton fibres. This was due, on the one hand, to the fact that the spinning mills did not have at their disposal simple, reliable testing methods and instruments, and, on the other hand, that the reliability and practical applicability of strength tests had not been clarified. For these reasons two methods for testing the strength of bundles were elaborated by the Central Research Laboratory for the Textile Industry. With both methods the test sample is prepared by drawing the tuft by hand. A pendulum type strength testing machine is used for the tests. The obtained breaking load is divided by the number of fibres of the bundle and from this the breaking load for a single fibre is established. The second method is based on the more simple process of preparing the bundles as practiced in the Soviet Union. After breaking, the two parts of the bundle are removed from the clamps and weighed on a highly sensitive torsion scale. The breaking load of the bundle expressed in grams divided by 100 times the weight expressed in milligrams gives the corresponding breaking length in centimeters.

(v.v.k.)

2/2

G.Y. DISCHKA

2/2

The mathematical investigation of the relationship between the bundle strength and the fibre strength has led to the coefficient of 0.80 to 0.82. This proves that bundle tearing tests are suitable for grading quality.

80. Bast fibre qualifying tests conducted with instruments - Hancsrostok muszeres minosito vizsgalata - Gy. Dischna. (Hungarian Textiles - Magyar Textiltechnika ~~1955~~, No. 1, pp. 2-5, 5 figures)

Hungarian Technical Abst.
Vol. 6 No. 1
1954

Hitherto only subjective methods were employed to determine the quality of bast fibres, at times the output of hackling or-carding was taken into consideration. The high degree of bast fibre unevenness makes it difficult to arrive at a correct evaluation of instrument tests. After hackling the unevenness is much lower. For the purpose of testing length distribution it is advisable to make up groups differing 5 cm in length. In practice the frequency of various weights and the average fibre lengths computed on the basis of the above are used. In order to establish the count of fibres, the number of fibres in the tested bundle should be counted under a microscope. This number multiplied by the length of the bundle and divided by its weight, gives the count. The count is subject to change during processing due to the splitting of

2/2 Gy. Dischka

the fibres, e.g. while 8 elementary cells can be found in a cross section during hackling, only 3 can be discerned after spinning. The tensile strength is tested on bundles of No 6 at a clamping length of 10 mm. The tests prove that a close correlation does not exist between the hackling length and breaking length of bast fibres. Gy. F.

DRECHKA, GY.

Processing thready materials in the wool industry; also, remarks by J. Schmalz and others. p. 419. (MAGYAR TEXTILTECHNIKA, Budapest, Hungary), No. 11/12, Dec. 1954.

SO: Monthly List of East European Accessions, (SEAL), 10, Vol. 4, No. 5, May 1955.

DISCHKA, Gy.

Magyar Textiltechnika - No. 3, Mar. 1955.

Theory, systematic experimentation, and measurement with instruments. p. 85.

Automatic device for determining the quality of cotton. p. 86.

Automatic device for testing the primary length of cotton fibers. p. 86.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

DISCHKA, GY.

Objective research on classification of bast fibers. p. 461.
Vol 17, no. 3/4, 1955. KOZLEMENYEI. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

DISCHKA, GY.

Report on the annual conference organized between May 22 and 26, 1956
in Blackpool by the Textile Institute. p. 357.
(Magyar Textiltechnika, No. 10, October 1956. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl

DISCHKA, GY.

Trends of development in tearing tests for textiles. P. 121
KOZLEMENYEI Budapest, Vol. 18, no. 1/4, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

DISCHKA, GY.

Experiences gained at the 1958 Edinburgh Conference arranged by the English Textile Institute. p. 406.
Theoretical and practical questions of static electricity in textile technology. p. 411.

MAGYAR TEXTILTECHNIKA, (Textilipari Muszaki es Tudomanyos Egyesulet)
Budapest, Hungary, Vol. 10, no. 11/12, Dec. 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

DISCHKA, GY.

Problems of principle and practical experience related to fiber blends. p. 189.

MAGYAR TEXTILTECHNIKA. (Textilipari Muszaki es Tudomanyos Egyesulet)
Budapest Hungary, Vol. 11, no. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

DISCHKA, GY.

Trends in developing newer textile technology and the newer mechanical solutions connected with them. (To be contd.) p.465.

MAGYAR TEXTILTECHNIKA. (Textilipari Muszake es Tudomanyos Egyesulet)
Budapest, Hungary. Vol. 11, no. 12, Dec. 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,
Feb. 1960 Uncl.

DISCHKA, Gyoza, dr.

"Technical handbook of flax and hemp industry" by Jozsef Antal, Tamas Beck, Olga Csetfalvy, Dr. Jeno Gorog, Peter Juhasz, Dr. Istvan Kalman, Pal Kerekgyarto, Bela Ricsoy and Ferenc Tarnoky. Reviewed by Dr. Gyoza Dischka. Magy textil 13 no. 1:44 Ja '61.

1. Textilipari Kutato Intezet.

DISCHKA, Gyozo, dr., a muszaki tudomanyok kandidatusa

Physiomechanical methods for testing textile materials. Magyar Textil
13 no.8:313-319 Ag '61.

1. Textilipari Kutato Intezet osztalyvezetoje.

DISCHKA, Gyozo, dr.

"Knitting and garment industry" by Alajos Vekassy. Reviewed by Gy.
Dischka. Muszaki kozl MTA 19 no.1/4:426-427 '61.

DISCHKA, Gyözö; GORSKI, H. [translator]

Methods and apparatus for testing the biomechanical
properties of raw materials and textile products. Przegl
włokien 16 no.7/8:384-389 JlgAg '62.

DISCHKA Gyozo, dr., a muszaki tudományok doktora; ASBOTH, Tiborne;
BECK, Tamas; MARTHA, Endre; RESETERITS, Jozsef, mernok

Remarks delivered at the conference on the interactions of
instrumental and organoleptic textile tests and the trend
of their development. Magy textil 15 no.3:134-135 Mr '63.

DISCHKA, Gyozo, dr., a muszaki tudományok kandidátusa

My experiences gained in the United States. Magy textil 15 no.10:
481-486 0 '63.

1. Textilipari Kutató Intézet Mechanikai Osztályának vezetője.

DISCHKA, Gyozo, dr.

Present state and future possibilities of the wool production
and its utilization in the world. Mag. Textil 16 no.10:472-
479 0 '64.

1. Science Division Chief, Research Institute of Textile
Industry, Budapest.

DISCHKA, Gyozo, dr.

Correlation between rheological characteristics of elementary fibers
and the wrinkling properties of textile fabrics. Magy textil 16 no. 11:
481-489 N '64.

DISCHKA, Wiktor, kandydat nauk technicznych; MORDAKA, T. [translator]

Studies on the changes in the properties of fiber, changes occurring as a result of continuous stress and load.

Przegl włokien 16 no.7/8:365-369 J1-Ag '62.

1. Kierownik Działu Badawczego Instytutu Włokiennictwa, Budapest (for Dischka).

DISCUTEANU, V.

"Applying advanced technique in order to raise the productivity of nurseries." p. 14.
(REVISTA PADURILOR, Vol. 68, no. 8, Aug. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

DISCUTEANU, V.

T.S. Mal'tsev's system of working the soil and the possibility of its application in silviculture. p. 339. REVISTA PADURILOR. Bucuresti. Vol. 70, No. 7, July 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956.

DIȘEȘCU, G.

"G. Eliescu and St. Negru's Observatii cu privire la depunerea gramezilor de oua a fluturelui Porthetria (Lymantria) dispar L. (Observations on the Laying of Grams of Eggs of the Butterfly Porthetria (Lymantria) Dispar L.); a book review. p. 47. (REVISTA PADURILOR, Vol. 70, no. 1, Jan. 1955. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions (EEAL), IC.
Vol. 4, No. 5, May 1955. Uncl.

DIYESCU, R.

"Causes of the appearance of harmful forest insects and the progress of their attacks",
p. 27, (REVISTA PADURILOR, Vol. 67, no. 8, August 1952, Bucuresti)

SO: Monthly List of East European Accessions, Vol. 2, no. 8, Library of Congress,
August 1953, Uncl.

DIYESCU, R.; PETRESCU, L.

"Permanent Test Sites for Research in Forest Growth and Production." P. 261.
(ANALELE ROMANO-SOVIETICE, Vol. 69, No. 6, June, 1954, Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

DISESCU, R.

"First Rumanian tables of cubic measurement, p. 550. (REVISTA RA DURILOR,
Vol. 69, no. 12, Dec. 1954. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), IC.
Vol. 4, No. 5, May 1955, Uncl.

DISESCU, R.

Age for cutting oaks. p. 119. Vol. 5. No. 1, Jan. 1955. Comunicarile.

Source: East European Accessions List (EEAL), Lc, Vol. 5, No. 3, March 1956

DISESCU, R.

Practical method to preserve transverse sections of tree trunks. p. 620.
REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor
din Romania si al Ministerului Agriculturii si Silviculturii) Bucuresti.
Vol. 70, no. 12, Dec. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

GROMAKOVSKAYA, M.M.; DISH, T.N.

Effect of fatigue on the permeability of the hematoencephalic barrier.
Dokl. AN SSSR 150 no.5:1171-1173 Je '63. (MIRA 16:8)

1. Institut biologicheskoy fiziki AN SSSR. Predstavleno akademikom
L.S.Shtern.

(HEMATOENCEPHALIC BARRIER) (FATIGUE)

DISHCHUK, I.I. [Dyshuk, I.I.]

Treatment of Filatov's disease (infectious mononucleosis)
with splenin. Fiziol. zhur. [Ukr.] 11 no.6:830-831 N-D '65.
(MIRA 19:1)

1. Kafedra detskikh infektsionnykh bolezney Kiyevskogo meditsin-
skogo instituta i 5-ya detskaya gorodskaya klinika infektsionnykh
bolezney, Kiyev.

DISHDISHYAN, M.

Improve the planning and designing of electric installations. From Arm.
5 no.6:16-17 Je '62. (MIRA 15:7)

1. Armgiprotsvetmet.
(Electric machinery--Design and construction)

CHUKALOV, N.N.; DISHEL', Z.A.; MIKHAYLOVA, V.G.

Use of prophylactic external version. Akush.i gin. 36 no.1:
104-105 Ja-F '60. (MIRA 13:10)
(LABOR (OBSTETRICS))

DISHIN, G.L.

BEYLINA, T.S., inzhener; BLAGONADEZHIN, V.Ye., inzhener; BOGUSLAVSKIY, P.Ye., kandidat tekhnicheskikh nauk; VORONKOV, I.M., professor, GITINA, L.Ya., inzhener; GROMAN, M.B., inzhener; GOROKHOV, N.V., doktor tekhnicheskikh nauk [deceased]; DENISYUK, I.N., kandidat tekhnicheskikh nauk; DOVZHUK, S.A., kandidat tekhnicheskikh nauk; DUKEL'SKIY, M.P., professor, doktor khimicheskikh nauk [deceased]; DYKHOVICHNIY, A.I., professor; ZHITKOV, D.G., professor, doktor tekhnicheskikh nauk; KOZLOVSKIY, N.S., inzhener; LAKHTIN, Yu.M., doktor tekhnicheskikh nauk; LEVENSON, L.B., professor, doktor tekhnicheskikh nauk [deceased]; LEVIN, B.Z., inzhener; LIPKAN, V.F., inzhener; MARTYNOV, M.V., kandidat tekhnicheskikh nauk; MOLEVA, T.I., inzhener; NOVIKOV, F.S., kandidat tekhnicheskikh nauk; OSETSKIY, V.M., kandidat tekhnicheskikh nauk; OSTROUMOV, G.A.; PONOMARENKO, Yu.F., kandidat tekhnicheskikh nauk; RAKOVSKIY, V.S., kandidat tekhnicheskikh nauk; REGIRER, Z.L., inzhener; SOKOLOV, A.N., inzhener; SOSUNOV, G.I., kandidat tekhnicheskikh nauk; STEPANOV, V.N., professor; SHEMAKHANOV, M.M., kandidat tekhnicheskikh nauk; EL'KIND, I.A., inzhener; YANUSHEVICH, L.V., kandidat tekhnicheskikh nauk; BOKSHITSKIY, Ya.M., inzhener, redaktor; BULATOV, S.B., inzhener, redaktor; GASHINSKIY, A.G., inzhener, redaktor; GRIGEO'YEV, V.S., inzhener, redaktor; YEGURNOV, G.P., kandidat tekhnicheskikh nauk, redaktor; ZHARKOV, D.V., dotsent, redaktor; ZAKHAROV, Yu.G., kandidat tekhnicheskikh nauk, redaktor; KAMINSKIY, V.S., kandidat tekhnicheskikh nauk, redaktor; KOMARKOV, Ye.F., professor, redaktor; KOSTYLEV, B.N., inzhener, redaktor; POVAROV, L.S., kandidat tekhnicheskikh nauk, redaktor; ULINICH, F.R., redaktor; KLORIK'YAN, S.Kh., otvetstvennyy redaktor; GLADILIN, L.V., redaktor;

(Continued on next card)

BEYLINA, TS.O. --- (continued) Card 2.

RUPPENYIT, K.V., redaktor; TERPIGOREV, A.M., glavnyy redaktor;
BARABANOV, F.A., redaktor; BARANOV, A.I., redaktor; BUCHNEV, V.K.,
redaktor; GRAFOV, L.Ye., redaktor; DOKUKIN, A.V., redaktor; ZADEMID-
KO, A.N., redaktor; ZASYAD'KO, A.F., redaktor; KRASHNIKOVSKIY, G.V.
redaktor; LETOV, N.A., redaktor; ~~DISHIN, G.I., redaktor~~; MAN'KOV-
SKIY, G.I., redaktor; MEHL'NIKOV, N.V., redaktor; ONIKA, D.G.,
redaktor; OSTROVSKIY, S.B., redaktor; POKROVSKIY, N.M., redaktor;
POLSTYANOY, G.N., redaktor; SKOCHINSKIY, A.A., redaktor; SONIN,
S.D., redaktor; SPIVAKOVSKIY, A.O., redaktor; STANCHENKO, I.K.,
redaktor; SUDOPLATOV, A.P., redaktor; TOPCHYEV, A.V., redaktor;
TROYANSKIY, S.V., redaktor; SHEVYAKOV, L.D., redaktor; BYKHOV-
SKAYA, S.N., redaktor izdatel'stva; ZAZUL'SKAYA, V.F., tekhnicheskiy
redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy redaktor.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskiy
spravochnik. Glav.red. A.M. Terpigorev. Chleny glav.red. F.A. Bara-
banov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po ugol'noi
promysh]. Vol.1. [General engineering] Obshchie inzhenernye
svedeniia. Redkollegiia toma S.Kh.Klorik'ian i dr. 1957. 760 p.
(Mining engineering) (MLRA 10:10)

DISHINEVICH, Ye.S. [Dyshynovich, IE.S.]; KOVAL'CHENKO, M.S.

General meeting of the Department of Technology of the Academy of
Sciences of the Ukrainian S.S.R. Frykl.mekh. 9 no.5:577-578 '63.
(MIRA 16:10)

DISHKA, Dezso, kandidat tekhnicheskikh nauk.

Testing yarn and thread for fatigue under static and periodic loads. Tekst.prom. 16 no.6:63-66 Je '56. (MLRA 9:8)

1. Zaveduyushchiy mekhanicheskim otdelom Vengerskogo Nauchno-issledovatel'skogo instituta tekstil'noy promyshlennosti.
(Hungary--Yarn--Testing)

DISHKA, D.; KHAYMASHI, T.

Vibration testing of the resistance to fatigue in fabrics.
Tekst.prom. 19 no.1:82-86 Ja '59. (MIRA 12:1)

1. Issledovatel'skiy institut tekstil'noy promyshlennosti,
Budapesht.

(Textile fabrics--Testing) (Vibration)

DISHKANT, G.

155T5

USSR/Astronomy - Stars, Rotating
Physics - Accelerators

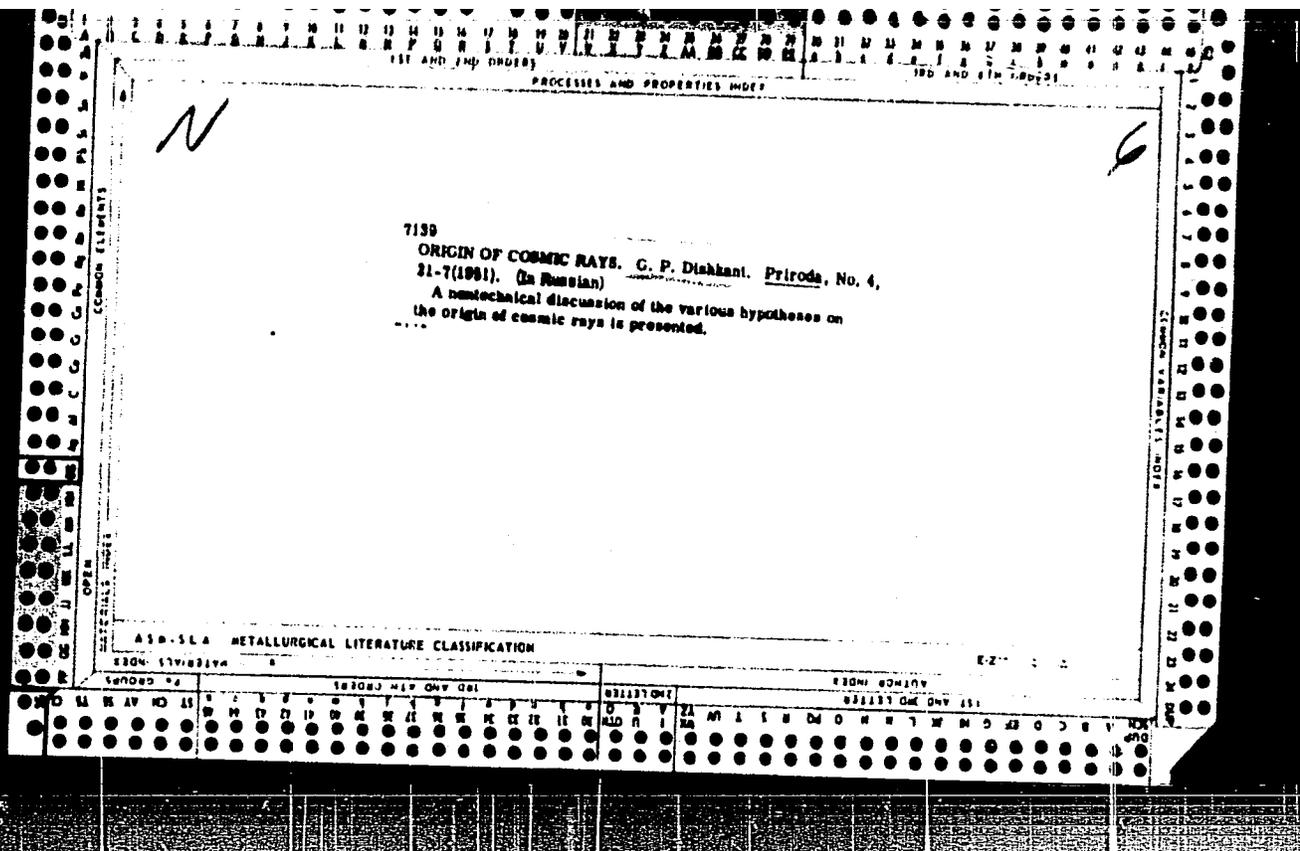
Mar 50

"Energy Spectrum of the Simplest Cosmic Induc-
tion Accelerators," G. Dishkant, Moscow State U,
5 pp

"Zhur Eksper i Teoret Fiz" Vol XX, No 3, pp 206-10.

Spectrum of energy of particles accelerated by
electromagnetic field of rotating star for sim-
plest case of coincidence of magnetic and geo-
graphic poles of the star. From balanced con-
dition of positive and negative particles,
charge of such stars is calculated. Submitted
14 Sep 49.

155T5



DISHKANT, G. P.

DISHKANT, G. P. - "Weak Nonlinear Electrodynamics of Long Waves in Plasma."
Sub 1 Oct 52, Moscow Order of Lenin State U imeni M. V. Lomonosov. (Dis-
sertation for the Degree of Candidate in Physicomathematical Sciences).

SO: Vechernaya Moskva January-December 1952

DISHKANT, G. P.

USSR/Physics - Quantum mechanics

FD-1896

Card 1/1 Pub. 146-16/21

Author : Dishkant, G. P.

Title : Problem of the illegality of one statistical treatment of quantum mechanics

Periodical : Zhur. eksp. i teor. fiz. 28, 117, January 1955

Abstract : The author discusses the distribution, proposed by E. Wigner and Szilard, of the probabilities in the phase space of a quantum particle and J. Moyal's interpretation of their equations as the equations of certain stochastic process of variation of a coordinate and momentum of a particle; i.e. a statistical treatment of quantum mechanics. The author studies the legality of this treatment, which depends upon the sign preservation of a certain function. Three references: e.g. T. Takabayashi, Prog. Theor. Phys., 10, 121, 1953.

Institution: Dnepropetrovsk State University

Submitted : March 9, 1954

DISHKANT, G.P. [Dishkant, H.P.]

Possible equation of the motion of a quantum particle in a trajectory.
Ukr. fiz. zhur. 4 no.1:122 Ja-F '59. (MIRA 12:6)

L. Dnepropetrovskiy gosudarstvennyy universitet.
(Quantum theory)

DISHKANT, G.P. [Dishkant, H.P.]

Losses in the electrodynamic vacuum. Ukr. fiz. zhur. 4 no.1:126
Ja-F '59. (MIRA 12:6)

1.Dnepropetrovskiy gosudarstvennyy universitet.
(Wave mechanics)

BOBOSHKO, Konstantin Klement'yevich; DEMERDZHI, D.L., red.; DISHKANT, G.P.,
spets.red.; GLUSHKO, G.I., tekhn. red.

[The goldfish serves man; a book for the inquisitive] Zolotaia rybka
sluzhit cheloveku; knizhka dlia liuboznatel'nykh. Dnepropetrovsk,
Dnepropetrovskoe knizhnoe izd-vo, 1960. 176 p. (MIRA 14:6)
(Electronics—Juvenile literature)

DISHKANT, G.P. [Dishkant, G.P.]

A statistical operator cannot be a single-valued characteristic
of a quantum ensemble. Ukr. fiz. zhur. 10 no.3:906-907 Ag '65.
(MIRA 18:8)

1. Dnepropetrovskiy gosudarstvennyy universitet.

FEDOTENKOV, A.G.; MEFEKOVA, N.A.; DISHKANT, I.P.

Preparation and preservation of bone marrow. Probl. gemat i perel.
krovi 6 no.2:46-49 '61. (MIRA 14:2)
(MARROW—TRANSPLANTATION)

FEDOTENKOV, A.G.; DANILOVA, L.A.; DISHKANT, I.P.

Preservation of the skin by freeze-drying technic. Probl.gemat.
i perel.krovi no.9&45-48 '62. (MIRA 15:12)

1. Iz Tsentral'nogo ordena Lenina instituta gematologii i pere-
livaniya krovi (dir. -- dotsent A.Ye. Kiselev) Ministerstva
zdravookhraneniya SSSR.

(TISSUES—PRESERVATION) (SKIN GRAFTING)

FEDOTENKOV, A.G.; DANILOVA, L.A.; BEBKOVA, M.A.; DISHKANT, I.P.

Preservation of bone marrow in a plastic container. Probl. gemat.
i perel. krovi 9 no.1:35-40 Ja '64.

(MIRA 18:1)

1. Iz laboratorii konservirovaniya tkaney (zav. - A.G. Fedotenkov)
'Sentral'nogo ordena Lenina instituta gematologii i perelivaniya
krovi (direktor - dotsent A.Ye. Kiselev).

DISHKANT, I.P.; FEDOTENKOV, A.G.; SUKYASYAN, G.V.

Closed method of collecting bone marrow from donors and patients.
Probl. gemat. i perel. krovi 9 no.11:35-38 N '64. (MIRA 18:4)

1. Tsentral'nyy ordena Lenina institut gematologii i perelivaniya
krovi (dir. - dotsent A.Ye. Kiselev), Moskva.

L 27081-66

ACC NR: AP6017463

SOURCE CODE: UR/0016/66/000/001/0148/0148

AUTHOR: Leont'yeva, N. F.; Dishkant, I. P.; Shumayeva, Yu. F. 18ORG: Central Disinfection Institute (Tsentral'nyy dezinfektsionnyy institut) BTITLE: Comparative evaluation of the sensitivity of culture media for checking the bactericidal effect of disinfectants

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 1, 1966, 148

TOPIC TAGS: enzyme, bacteriology

ABSTRACT: The possibility of using casein media instead of the usual meat-peptone media for checking the bactericidal effect of disinfectants is discussed. Meat-peptone, casein and meat-bone media, as well as dry agar D, are compared. Enzyme hydrolysis (for 4 hours at 50°C, as recommended by Ploskirev et al.) was used to obtain the bases of the casein and meat-bone media. The experiments were set up under the methodological rules of the Central Disinfection Institute. The data obtained showed that the results of inoculations of various microbes, treated with various disinfectants, were the same on meat-peptone, casein, meat-bone liquids and solid media. Comparison of the data of all the experiments made it possible to draw the conclusion that casein media (bouillon and agar) were equal to meat-peptone media in sensitivity. Since casein media costs one-seventeenth as much as meat-peptone media, it is worthwhile to continue studying them with the purpose of introducing them into practice for determining the bactericidal effect of disinfectants. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

UDC: 615.777/.779-078(048.1) 2

DISHLER, V.Ya.

Increased variability of quantitative characters induced by artificial mutagenesis combined with natural selection in plant breeding. Genetika no.3:167-173 S '65.

(MIRA 18:12)

1. Institut biologicheskoy fiziki AN SSSR, Moskva. Submitted June 11, 1965.

ACC NR: AT7002512

SOURCE CODE: UR/0000/66/000/000/0277/0286

AUTHOR: Dishler, V. Ya.; Khvostova, V. V.; Valeva, S. A.; Turkov, V. D.

ORG: Institute of Biological Physics, AN SSSR, Moscow (Institut biologicheskoy fiziki AN SSSR)

TITLE: Mutability of the broad bean *Vicia faba* under the effect of gamma-rays and chemical agents

SOURCE: AN SSSR. Nauchnyy sovet Radiobiologiya. Vliyaniye ioniziruyushchikh izlucheniye na nasledstvennost' (Effect of ionizing radiation on heredity). Moscow, Izd-vo Nauka, 1966, 277-286

TOPIC TAGS: gamma irradiation, ~~radiation-biochemical-effect~~, radiation ~~genetic~~ *plant* effect, radioprotective agent, plant genetics, *agriculture crop*

ABSTRACT: Small doses (500—1000 r) of γ -rays and low concentrations (0.01%) of ethylenimine proved to be the most effective of the investigated mutagens for producing the greatest number of hereditary changes in the broad bean *Vicia faba* minor: these agents increased the variability of this plant by 2—2.8 times. Altered morphological characters pertaining to all parts of the plant, bush, leaves, flowers, beans, and seeds, were obtained under the effect of the mutagens. Of economic value were the characteristics produced by polygene factors. The results of the experiment permitted the assumption that the selection of plants with respect to

Card 1/2

UDC: none

ACC NR: AT7002512

such characters is possible. The nature of the occurrence of leaf spottiness in M_1 plants and the question as to what portion of the M_1 plants contains the mutation after treating the dormant seeds are discussed. Orig. art. has: 3 tables and 3 figures. [26]

SUB CODE: 06/ SUBM DATE: 01Sep66/ ORIG REF: 004/ OTH REF: 009

ATD PRESS: 5117

Card 2/2

DISHLEVIY, P.S.

VIL'NITS'KIY, M.B.; DISHLEVIY, P.S.

Significance of Lenin's philosophical ideas for modern physics. Visnyk
AN URSSR 28 no.4:3-11 Ap '57. (MLRA 10:6)
(Physics--Philosophy) (Lenin, Vladimir Il'ich, 1870-1924)

DISHLEVIY, P.S.

SHUGAYLIN, Aleksandr Vasil'yevich; DISHLEVIY, P.S., kand. filos. nauk, vidp. red.; BRATKO, Z.T., red.; MATVICHUK, O.O., tekhn. red.

[Soviet physical science is in the forefront of the fight for a materialistic orientation of present-day physics] Radians'ka fizychna nauka - peredovyi front borot'by za materialistychnyi napriam v suchasni fizytsi. Kyiv, Vyd-vo Akad. nauk URSR, 1958, 77 P. (MIRA 11:?)

(Physics--Philosophy)

DISHLEVIY, P.S. [Dyshlevyi, P.S.], kand. filos. nauk

Problem of the philosophical significance of the special theory
of relativity. Visnyk AN URSSR 30 no.4:26-37 Ap '59.
(MIRA 12:6)

(Relativity (Physics))

DISHLEVYY, P.S. [Dyshlevyi, P.S.], kand.filosof.nauk; PETRUSENKO, A.M.,
kand.filosof.nauk

Engels and the present-day natural sciences. Nauka i zhyttia 10
no. 11:49-52 N 160. (MIRA 14:4)
(Science—Philosophy) (Engels, Friedrich, 1820-1895)

DISHLEVYI, P.S. [Dyshlevyi, P.S.], kand.filosof.nauk

Law of universal gravity. Nauka i zhyttia 10 no. 12:48-51
D '60. (MIRA 14:4)

(Gravitation)

SVIRIDENKO, Vadim Mikhaylovich [Svyrydenko, V.M.]; DISHLEVYY, P.S.
[Dyahlevyi, P.S.], kand. fil. nauk, otv. red.; RAKHLINA, N.P.,
tekhn. red.

[Role of mathematical hypotheses in the interpretation of
microphysical phenomena; materials showing the development of
nonrelativistic quantum mechanics] Rol' matematychnoi hipotezy v
piznanni mikroavishoh; na materialakh rozvytku nereliatyvi-
sts'koi kvantovoi mekhaniky. Kyiv, Vydvo AN URSR, 1962. 171 p.
(MIRA 16:3)

(Quantum theory) (Nuclear physics)

DISHLIEV, B.

A case of echinococcosis of the thyroid gland. Khirurgiia
(Sofia) 18 no.4:488-489 '65.

1. Katetra po fakultetska khirurgiia s urologiia, Viash medi-
tsinski institut , Plovdiv (rukovoditel - prof. Ia. Dobrev).

DISHLIEV, B., st. asistent

Perforating wounds of the stomach through the vagina and bladder. Khirurgiia 7 no.3:186-187 1954.

1. Khirurg. klinika pri Med. akademiia I.P.Pavlov, Plovdiv, direktor: dots. D.Ploskov.

(STOMACH, wounds and injuries,

*perf. wound through bladder & vagina)

(WOUNDS AND INJURIES,

*stomach, perf. wound through bladder & vagina)

(BLADDER, wounds and injuries,

*perf. wound of stomach through bladder & vagina)

(VAGINA, wounds and injuries,

*perf. wound of stomach through bladder & vagina)

DISHLIEV, B.

POPKIROV, St.; DISHLIEV, B.; KIS'OV, B.

Clinical value of arteriography in vascular diseases of the extremities. Suvrem.med., Sofia no.6:79-85 '55.

1. Iz Klinikata po fakultetska khirurgia surologia (direktor: red.dots. D. Ploskov) pri Visshia meditsinski instituta I.P. Pavlov Plovdiv.

(VASCULAR DISEASES, PERIPHERAL, diagnosis, arteriography)

(ANGIOGRAPHY, invarious diseases, vasc.dis., peripheral)

DOBREV, Ia.; MISHEV, P.; DISHLIEV, B.; GRIGOROV, Br.

Trauma in miners in the Gorubso bassin. Khirurgia, Sofia
9 no.3:207-219 1956.

1. Vissh meditsinski institut I. P. Pavlov, Plovdiv
katedra po fakultetska khirurgia s urologia. Zav.
katedrata: prof. D. Ploskov.

(MINING,
 inf. in miners (Bul))
(WOUNDS AND INJURIES,
 occup. in miners (Bul))
(OCCUPATIONAL DISEASES,
 traum. in miners (Bul))

DISHLIEV, B.; KARAPAROV, M.

Gastric phytobezoar. Khirurgia, Sofia 9 no.7-8:711-713
1956.

1. (Iz Katedrata po fakuatetska khirurgia i Katedrata po
obshcha rentgenologija pri VMI "I.P. Pavlov--Plovdiv)
(BEZOARS, case reports,
phytobezoar (Bul))

DISHLIEV, B.; SHOPOV, N.; KHRISTEV, P.

Clinical aspects, diagnosis and therapy of perforating gastric and duodenal ulcers according to clinical material of 1948-56 inclusively. Khirurgia, Sofia 11 no.2:150-158 1958.

1. Vissih meditsinski instituy I. P. Pavlov - plovdiv Katedra po fakultetska khirurgia Zav. Katedrata: dots. Ia. Dobrev.

(PEPTIC ULCER, perforation,
hosp. statist. (Engl))

DISHLIEV, B.

Case of perforating-incised cardiac wound. Khirurgiia, Sofia 12 no.1:
65-67 1959.

1. (Iz Fakultetskata khirurgichna klinika pri VMI "I.P. Pavlov" -
Plovdiv.

(HEART, wds. & inj.
perf.-incised wound (Bul))

DISHLIEV, B.; DEENICHIN, P.; GINEV, B.

On precancerous conditions of the thyroid gland. Suvrem med., Sofia
no.10:54-59 '60.

1. Iz Katedrata po fakultetska khirurgiia pri VMI "I.P.Pavlov,"
Plodiv (Rukov. na katedrata dots. IA.Dobrev)
(THYROID GLAND neopl)

DISHLIEV, B.; MAVROVA, M.

A case of multiple foreign bodies in the intestines. Khirurgia,
Sofia 13 no.7/8:711-712 '60.

1. Iz Klinikata po fakultetska khirurgia i Instituta po rentgeno-
logia i radiologia pri VMI "I.P.Pavlov" Plovdiv.
(INTESTINES for.bodies)

DISHLIEV, E.

On indications for surgery in Basedow's disease. Khirurgia
16 no.1:23-34 '63.

1. Vissh meditsinski institut "I.P. Pirogov" - Plovdiv.
Katedra po fakultetska khirurgia. Zav. katedrata: dots. IA.
Dobrev.

(GOITER EXOPHTHALMIC) (HYPERTHYROIDISM)
(THYROIDECTOMY)

PAPAZOV, G.; VURBANOV, V.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter among workers of some industries in Sofia.
Suvr. med. 12 no.10:3-12 '61.

1. Iz Katedrata po endokrinologija i bolesti na obmanata
ISUL [Institut za spetsializatsia i usuvurshenstvuvane na
lekarite] (Rukov. na katedrata prof. Iv. Penchev).
(GOITER)

PAPAZOV, G.; VURBANOV, V.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter in the Madan-Rudozem mining basin. Suvrem med.,
Sofia no.3:67-78 '61.

1. Katedra po endokrinologija i bolesti na obmenata, Institut za
spetsializatsia i usuvrshenstvuvane na lekarite. (Rukov. na
katedrata prof. Iv. Penchev.)

(GOITER epidemiol)

PENCHEV, I., Prof.; VURBANOV, V.; PAPAHOV, G.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter in Bulgaria according to a survey of students. Suvrem. med., Sofia 9 no.8:3-18 1958.

1. Nauchna grupa po endokrinologija i bolesti na obmanata pri ISUL-Sofia.

(GOITER, epidemiology,
endemicity in Bulgaria (Bul))

PENCHEV, Iv.; VURBANOV, V.; PAPA ZOV, G.; DISHLIV, D.; STAIKOV, T.

Endemic goiter in the western Sub-Balkan region. Suvrem.med.,
Sofia no.6:8-24 '59.

1. Iz Nauchnata grupa po endokrinologija i bolesti na obnianata
pri ISUL. Nauchen rukvoditel: prof. Iv. Penchev.
(GOITER statist.)

PAPAZOV, G.; VURBANOV, V.; DISHLIEV, D.; STAIKOV, T.

Endemic goiter along the river Iskar in the Sofia Region. Suvr. med.
12 no.8:47-54 '61.

1. Iz Katedrata po endokrinologija i bolesti na obnianata pri Instituta
za spetsializatsia i usuvurshenstvuvane na lekarite (Rukov, na kate-
drata prof. Iv. Penchev)

(GOITER epidemiol)

Dishlieva, N.
BASHEVA, L.; BAKALOVA, S., studentka; STOIANOVA, A., studentka;
DISHLIEVA, N., studentka; ALEKSIEVA, T., studentka.

~~RECURRENT RHEUMATISM IN CHILDREN~~
Recurrent of rheumatism in children and role of external factors. Suvrem. med., Sofia 7 no.11:76-78 1956.

1. Iz nauchnija studentski kruzhek pri Katedrata po detski bolesti pri VMI - Sofia (Zav. katedrata Prof. L. Rachev) nauchni rukovoditeli: L. Basheva i T. Ianeva.
(RHEUMATISM, in infant and child,
recur., eff. of external factors (Bul))

DISHLOECK, H. A. E., M.D.; FRANSSEN, M. G. C., M.D.

Allergy and bacteriology in chronic purulent maxillary sinusitis. *Cesk. otolar.* 5 no.1:1-4 Feb 56.

1. From the Otological Dept. of Boerhaave Hospital, University of Leyden, Holland, director prof. Dr. H. A. E. van Dishoeck.

(SINUSITIS,

maxillary, purulent, chronic bilateral sinusitis, comparison of allergic and non-allergic types.

(ALLERGY, manifest.

sinusitis, purulent, chronic, bilateral, comparison of allergic and non-allergic types.

BREZINA, R.; URVOLGYI, J.; ROSICKY, B.; GILKA, S.; DUSHNIKU, N.; NARACIK, K.;
DISHNICA, G.

Rickettsioses and infections caused by viruses of the psittacosis-
ornithosis-mammalian pneumonia group, in Albania. J. hyg. epidem.,
Praha 5 no.1:85-88 '61.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
Institute of Biology, Czechoslovak Academy of Sciences, Praha, Ministry
of Health of Albania.

(MIYAGAWANELLA infect)

MAMONTOV; GORSHKOV; MASLAKOV; POKROVSKAYA; KLEVANTSOV, P.I.; MOSKALEV;
YANKOVSKIY; DUSHUK; BUDKEVICH; KOVAL'CHUK, U. Ya.; GRISHANOV;
ARTAMONOV, TRIFONOV; SHIYANOV, I.A.

Railroad workers assume greater responsibilities. Put' i
put.khoz. 5 no.2:3-4 F '61. (MIRA 14:3)

1. Nachal'nik Kalachinskoy distant'sii puti Omskoy dorogi (for Mamontov).
2. Zamestitel' sekretarya partorganizatsii, stantsiya Kalachinskaya, Omskoy dorogi (for Gorshkov).
3. Predsedatel' mestkoma, stantsiya Kalachinskaya Omskoy dorogi (for Maslakov).
4. Sekretar' komsomol'skoy organizatsii, stantsiya Kalachinskaya Omskoy dorogi (for Pokrovskaya).
5. Nachal'nik Shadrinskoy distant'sii puti Yuzhno-Ural'skoy dorogi (for Klevantsov).
6. Nachal'nik Orshanskoy distant'sii puti Belorusskoy dorogi (for Moskalev).
7. Sekretar' partbyuro, g. Orsha (for Yankovskiy).
8. Predsedatel' mestkoma, g. Orsha (for Dushuk).
9. Sekretar' komiteta komsomola g. Orsha (for Budkevich).
10. Nachal'nik shchebenochnogo zavoda, stantsiya Orlova Sloboda, Donetskoy dorogi (for Koval'chuk).
11. Nachal'nik Kamyshlovskoy distant'sii puti Sverdlovskoy dorogi (for Grishanov).
12. Sekretar' partbyuro, stantsiya Kamyshlov Sverdlovskoy dorogi (for Artamonov).
13. Predsedatel' mestkoma, stantsiya Kamyshlov Sverdlovskoy dorogi (for Trifonov).
14. Nachal'nik rel'sosvarochnogo predpriyatiya No. 9, Riga (for Shiyanov).

(Railroads—Employees)

DISINSKY, G.; GRUNTOVA, Z.

Photocolorimetric determination of di-(4-hydroxycumarinyl-3)
acetic acid (pelentan). Cesk. farm. 3 no.9:303-305 Nov 54.

1. Zo Statneho ustavu pre kontrolu lieciv v Bratislave
(COUMARIN, derivatives
ethyl biscoumacetate photocolorimetric determ.)
(COLORIMETRY
photocolorimetry of ethyl biscoumacetate)

DISKALENKO, A.F.

Public health in Moldavia. Sov.zdrav. 15 no.6:3-8 N-D '55.
(MLRA 10:1)

1. Ministr zdavookhraneniya Moldavskoy SSR.
(PUBLIC HEALTH
in Moldavia)

DISKALENKO, A.P.

KURASHOV, S.V.; KARYNBAYEV, S.R.; SHUPIK, P.L.; ~~DISKALENKO, A.P.~~; MAMAMTAVRISHVILI, D.G.; KRAUSS, A.A.; DANILOV, Yu.Ye.; SAGATOV, R.S.; PEN'KOVSKIY, B.R.; NEPESOV, D.N.; INSAROV, I.A.; AKHUNDOV, V.Yu.; KHRIMLYAN, A.I.; AKHMEDOV, K.I.; BAKULEV, A.N.; NESTEROV, A.I.; DAVYDOVSKIY, I.V.; GRASHCHENKOV, N.I.; DENISEVICH, A.Y.; KISELEV, K.V.; KRIVENKO, L.M.; MINZHASAROVA, Z.; YAKOVLEV, M.D.; KOZLOV, I.I.; POKROVSKIY, D.V.; MITRIN, G.A.

Discussions. Sov.zdrav. 16 no.1:18-68 Ja '57.

(MLBA 10:2)

1. Ministr zdravookhraneniya RSFSR. (for Kurashov). 2. Ministr zdravookhraneniya Kazakhskoy SSR. (for Karyngayev). 3. Ministr zdravookhraneniya Ukrainskoy SSR (for Shipik). 4. Ministr zdravookhraneniya Moldavskoy SSR (for Diskalenko). 5. Ministr zdravookhraneniya Gruzinskoy SSR.(for Mamamtavrishvili). 6. Ministr zdravookhraneniya Latvyskoy SSR. (for Krauss). 7. Minister zdravookhraneniya Kirgizskoy SSR (for Danilov). 8. Ministr zdravookhraneniya Uzbekskoy, SSR. (for Sagator). 9. Ministr zdravookhraneniya Litovskoy SSR. (for Pen'kovskiy). 10. Ministr zdravookhraneniya Turkmenskoy SSR. (for Nepesov). 11. Ministr zdravookhraneniya Belorusskoy SSR. (for Insarov). 12. Ministr zdravookhraneniya Azerbaydzhanskoy SSR. (for Akhundov). 13. Ministr zdravookhraneniya Armyskoy SSR. (for Khrimlyan). 14. Ministr zdravookhraneniya Tadzhijskoy SSR. (for Akhmedov). 15. Prezident Akademii meditsinskikh nauk SSSR. (for Bakulev). 16. Vitse-prezident Akademii meditsinskikh nauk SSSR. (for Nesterov). 17. Chlen Prezidiuma Akademii meditsinskikh nauk SSSR. (for Davydovskiy). 18. Predsedatel' Uchenogo meditsinskogo soveta Ministerstva zdravookhraneniya SSSR (for Grashchenkov)

(Continued on next card)

KURASHOV, S.V.---- (continued) Card 2.

19. Sekretar' Borisovskogo gorodskogo komiteta Kommunisticheskoy partii Belorussii. (for Denisevich). 20. Zamestitel' predsedatelya Soveta Ministrov Belorusskoy SSR (for Kiselev). 21. Zamestitel' predsedatelya Krasnodarskogo krayispolkoma (for Krivenko). 22. Zamestitel' predsedatelya Karagandinskogo oblaspolkoma. (for Minzhazarova). 23. Zamestitel' predsedatelya Gosplana SSSR. (for Yakovlev). 24. Zaveduyushchiy otdelom sotsial'nogo strakhovaniya Vsesoyuznogo Tsentral'nogo Soveta professional'nykh soyuzov (for Kozlov). 25. Predsedatel' Tsentral'nogo Komiteta profsoyuza meditsinskikh rabotnikov (for Pokrovskiy). 26. Predsedatel' Ispolkoma Soyuza Obshchestv Krasnogo Kresta i Krasnogo Polumesyatsa SSSR (for Miterav)
(PUBLIC HEALTH)

DISKALENKO, A.

Public health in Moldavia on the eve of the 22d Congress of the
CPSU. Klin.med. no.10:40-43 '61. (MIRA 14:10)

1. Ministr zdravookhrameniya Moldavskoy SSR.
(MOLDAVIA---PUBLIC HEALTH)

DISKALENKO, A.R.

Some results of past work and tasks of the Moldavian public health system for 1961. Zdravookhranenie 4 no. 1:3-7 Ja-F '61.
(MIRA 14:2)

1. Ministerstvo zdravookhraneniya Moldavskoy SSR.
(MOLDAVIA--PUBLIC HEALTH)

DISKALENKO, A.P.

Twenty-second Congress of the CPSU and problems of public health
in Moldavia. Zdravookhraneniya 4 no.5:3-7 S-0 '61. (MIRA 14:11)

1. Ministr zdravookhraneniya Moldavskoy SSR.
(MOLDAVIA---PUBLIC HEALTH)

DISKALENKO, A.P.

For further improvement of rural public health. Sovet.
zdravookhr. 12 no. 1:10-12 '63. (MIRA 17:2)

1. Ministr zdravooihraneniya Moldavskoy SSR, Kishinev.

DISKANT, S.G.

981. The Effect of the Soviet Preparation, Calcium Ascorbate, on Vascular Permeability and Vitamin C Metabolism. (О действии советского препарата аскорбата кальция на сосудистую проницаемость и С-витаминный обмен) и С-витамина (Клиническая медицина). *Klin. Med.* S. G. Diskant. Клиническая медицина. 1949. 2 figs., 7 refs. *Mosk.-J 27, No. 8, 78-82, Aug., 1949.*

Calcium ascorbate is a synthetic organic preparation containing 2.5 g. ascorbic acid and 0.5 g. metallic calcium in 10 ml. of a 40% glucose solution. In clinical trials in Leningrad it was given in 17 cases of tuberculous pleural effusion and 9 cases of acute nephritis. The patients with nephritis had a widespread and persistent edema and haematuria, together with hypoproteinaemia, high capillary permeability, and a low ascorbic acid level in the blood. A course of about 16 intravenous injections of one ampoule daily was given, and 6 patients used as controls received glucose intravenously and ascorbic acid and calcium chloride orally. After about 21 days there was improvement in all cases, but that in the controls was much less than in the group given calcium ascorbate.

Calcium ascorbate was also given in the cases of pleural effusion, up to 21 injections being administered; the controls received salicylates, vitamin C, and calcium chloride. After calcium ascorbate treatment the effusion was quickly absorbed and signs of toxæmia disappeared. The following questions were also studied by the author: How soon does injection of calcium ascorbate saturate the organism with ascorbic acid? For how long is there a high ascorbic acid output in the urine and a high ascorbic acid level in the blood? Of 58 healthy people 25 were given calcium ascorbate, 17 ascorbic acid (2,500 mg.), and 16 ascorbic acid and calcium chloride. Ascorbic acid was estimated in 24-hour specimens of urine and in the blood. Of the introduced ascorbic acid 50% was eliminated on the first day after stopping administration of ascorbic acid and calcium chloride and on the second and third day in cases in which calcium ascorbate had been given. The author believes therefore that calcium ascorbate has the advantage of maintaining a high degree of saturation of ascorbic acid in the body.

N. Chateletain

Abstracts of World Medicine Vol 7 195

DISKANT, V.I.

Estimates for the diameter and width of convex surfaces
of bounded Gaussian curvature. Dokl. AN SSSR 153 no.3:516-
518 N '63. (MIRA 17:1)

1. Institut matematiki s vychislitel'nym tsentrom Sibirskogo
otdeleniya AN SSSR. Predstavleno akademikom S.L. Sobolevym.

DISKANT, V.I.

Minimum number of vertices of a knotted curve. Sib. mat. zhur. 5
no.1:234-235 Ju-F '64. (MIRA 17:7)

DISSENT, V.I.

Validity in Hebraic's theories. Dokl. AN USSR 258 no.61
(MIRA 19:14)
1979 C 164.

1. Predstavleno akademikom S.I. Sobolevym.